ABSTRACT OF THE DISCLOSURE

Disclosed is a distributed database system, which effectively utilizes surplus resources of a plurality of computers. For this, a topology administration server device correlates an identifier identifying a database object administered by a database administration device with an identifier identifying the database administration apparatus. When a plurality of computers transmit a cache request including an identifier identifying a database object to the topology administration server device so as to cache the database object, the topology administration server device transfers the cache request to the database administration device so that the database object is transmitted to a computer and cached there. It is also possible to operate a program executing calculation in a computer while referencing the database object cached.